
A Strong Foundation: Building a Home for Clinical and Translational Sciences

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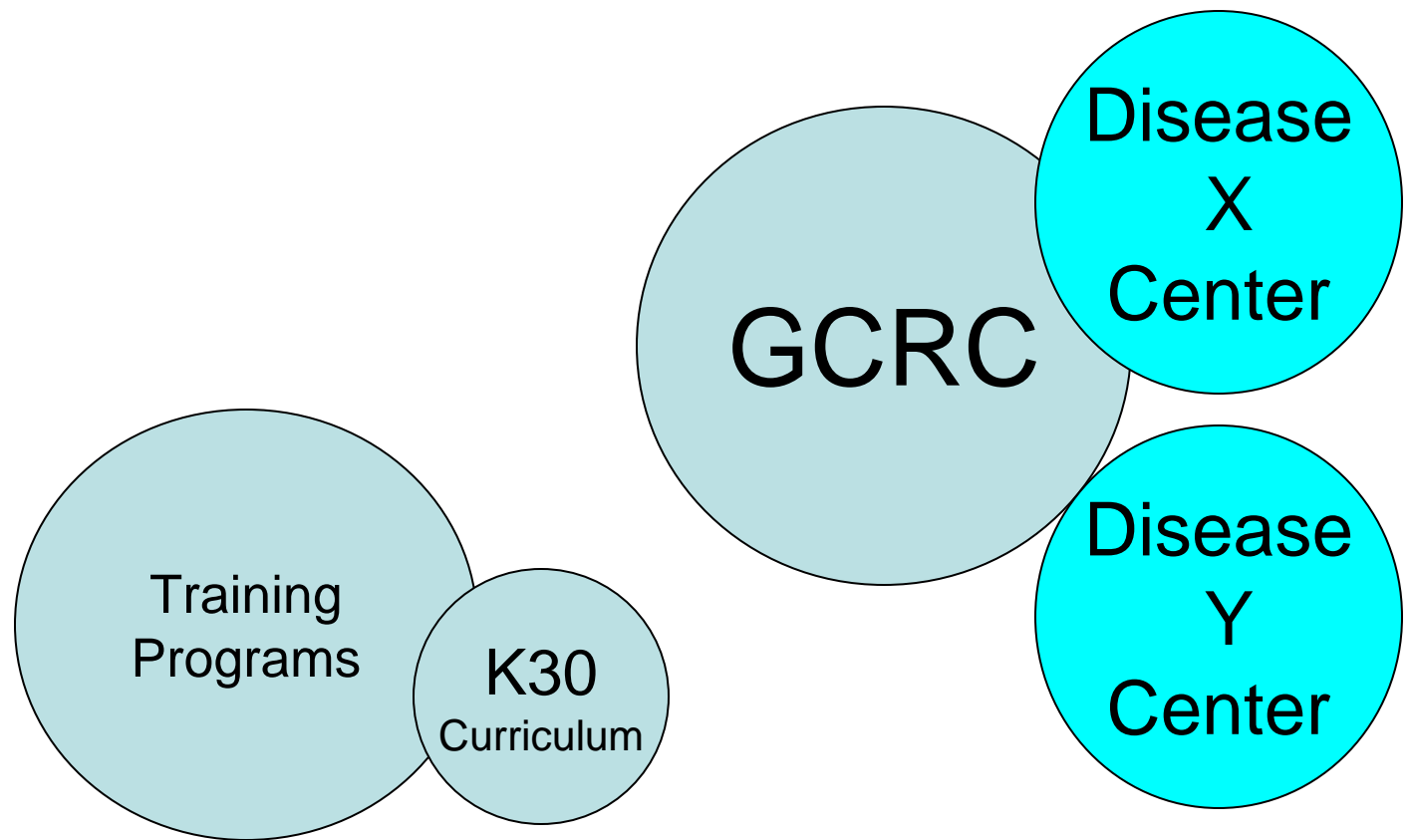
How We Got Here: Challenges for the Clinical Research Enterprise

- Difficulty recruiting and retaining clinical researchers
- Increasing regulatory burden and overhead costs
- Fragmented training programs
- Limitations/barriers due to NIH funding mechanisms, review and programs structures

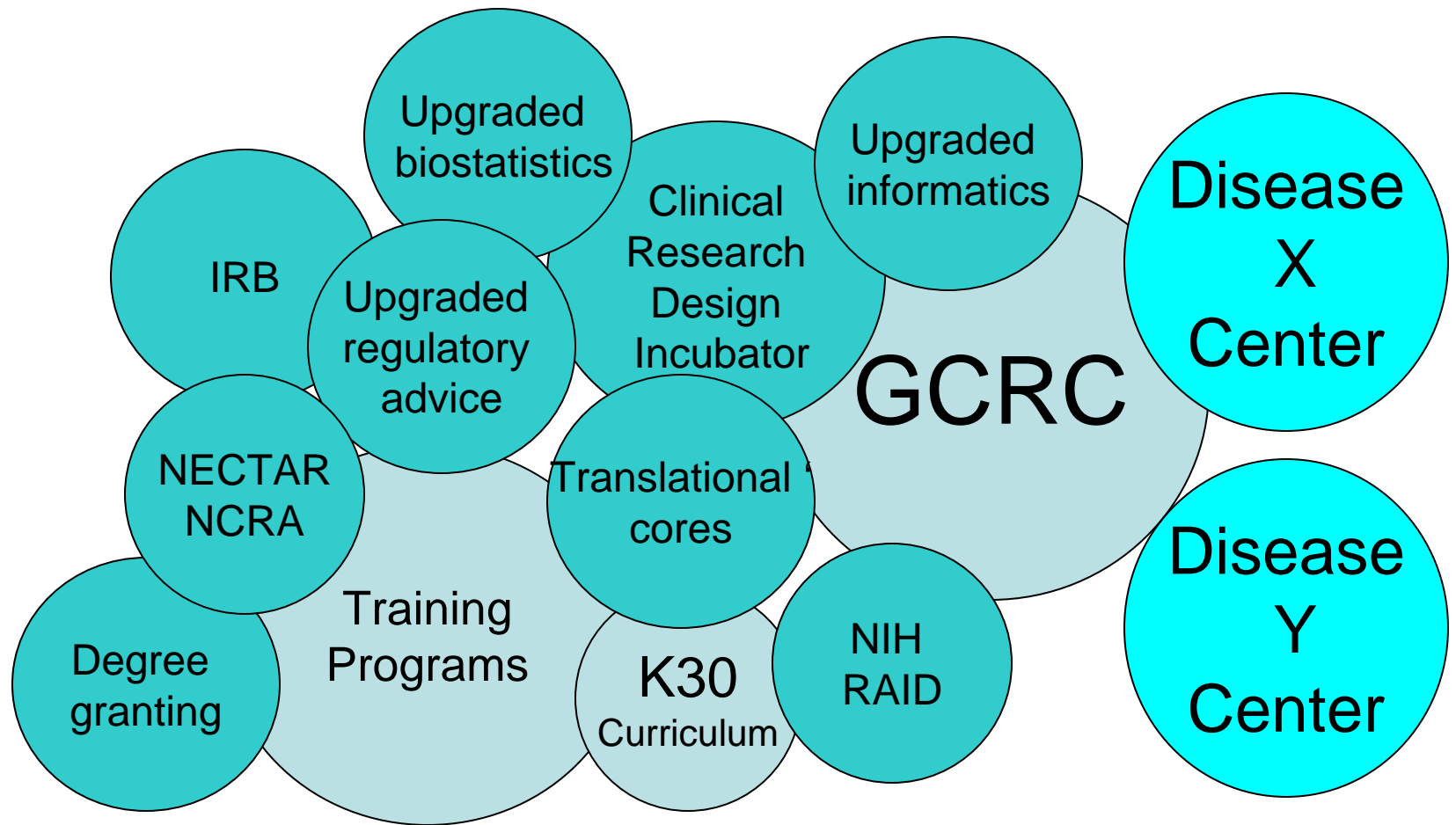
Major Shifts in Priorities at AHCs

- Explosion in clinical service demands and reduction in financial margins limits the time available for research and the mentoring of clinical/translational scientists.
- Marked increase in numbers of faculty leads to a “dilution” effect with a decreasing valuation attached to translational and clinical sciences
- The complexity of knowledge needed to be an effective clinical/translational scientist is not easily acquired
- Young clinical faculty have trouble finding a real “HOME” for their aspirations

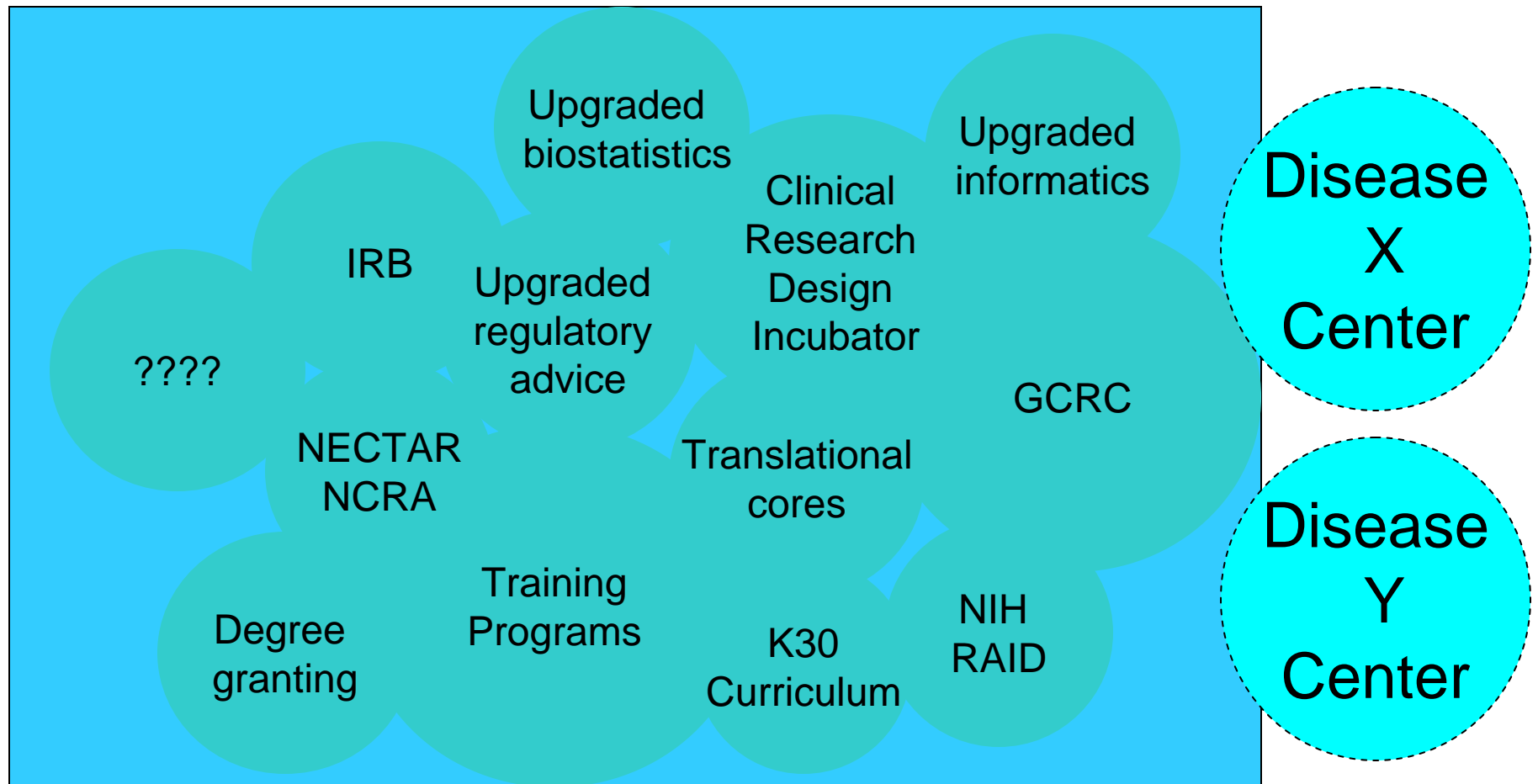
Current AHC Clinical Sciences Infrastructure



Missing Pieces Needed to Form a Home for Clinical and Translational Sciences



“Systems Biology Approach” to Creating a Home for Clinical and Translational Sciences



The NIH Roadmap Provides the Bricks but does Not Build a Home

- NECTAR
- Networks
- Translational Components
- Training
- Interdisciplinary Research

A Transforming Goal:

Provide the academic home and integrated resources needed to advance the new intellectual discipline of clinical and translational sciences, create and nurture a cadre of well-trained investigators, and advance the health of the nation by transforming patient observations and basic discovery research into clinical practice.

Where We Want to be in 6-8 Years: An Institutional Home for Clinical and Translational Sciences

Components

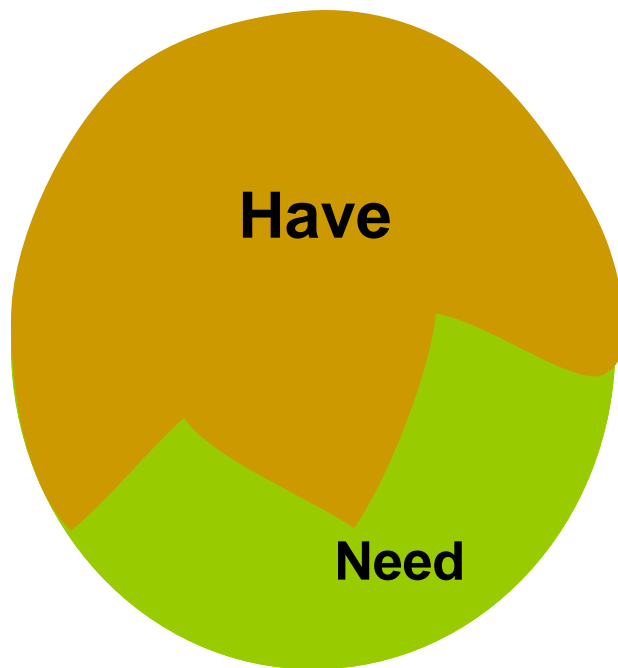
- Research design, statistics, regulatory affairs
 - Biomedical informatics
 - Career Development program (Curriculum; slots)
 - In-patient, out-patient, and community subject accrual sites
 - Core Labs
 - Pilot project program
 - Governance core
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Provide Program Flexibility

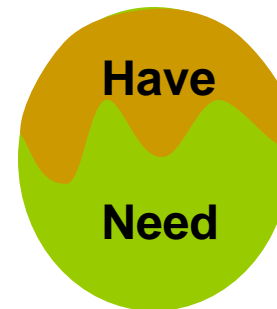
- Flexible configuration must be tailored to the needs and strengths of individual institutions
 - Flexible location/configuration
 - Sufficient resources to develop needed infrastructure
 - Adaptable size
 - Support for local creativity and adaptability

New programs will support different experimental models and approaches

Research Intensive AHC



Small AHC



Flexible programs with adjustable sizes for different needs₁

**Let's build a strong
foundation for clinical and
translational sciences**